

REMARKS

Reconsideration of this application is respectfully requested in view of the foregoing amendment and the following remarks.

Claims 1-19 were pending. By this Amendment, Claims 1-5 have been canceled without prejudice, Claims 6-15 and 18 have been amended, and Claims 20-29 have been newly amended. These amendments have support in the specification at, for example, page 42, lines 6-27 and page 32, lines 25-27. Therefore, no new matter has been added. After entry of this Amendment, Claims 6-29 will be currently pending, of which Claims 20 and 10 are independent claims.

In the Office Action mailed May 24, 2007, the Examiner rejected claims 1-19 under 35 U.S.C. §112, second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claims 1-19 were further rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,661,425 to Hiroaki ("Hiroaki"). Furthermore, Claims 1-7, 10-13, and 16-19 were rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,525,699 to Suyama et al. ("Suyama"), and Claims 8, 9, 14, and 15 were rejected under 35 U.S.C. §103(a) as being unpatentable over Suyama and further in view of Hiroaki. To the extent that these rejections remain against the claims as pending, Applicants hereby traverse the rejections as follows.

Applicants have canceled Claims 1-5, added new Claims 20-29, and amended Claims 7-15 and 18 to overcome the rejection under 35 U.S.C. §112, second paragraph. In amended Claim 20, a spatial image type display having a plurality of display device comprises a front display device having a front display surface, said front

display surface having a plurality of pixels for displaying image data, and a rear display device a rear display device aligned with the front display device and having a rear display surface, the rear display surface having a plurality of pixels for displaying image data and the rear display surface displaying substantially same image data and displaying the image data in a substantially same direction with said front display surface. Each of the plurality of pixels of the front and rear display surfaces comprises at least one sub-pixel. The front display surface includes a displaying region corresponding to the plurality of pixels of said front display surface, and a transparent region that is adjacent to the display region and is aligned with respective pixel of the plurality of pixels of the rear display surface so that the image data on said rear display surface is transmitted from the transparent region to a viewer. Similar features of amended Claim 20 are also included in amended Claim 10. Such amendments are believed to overcome the rejection of 35 U.S.C. §112, second paragraph.

Furthermore, Applicants respectfully submit that amended Claims 20 and 10 are patentable over Hiroaki or Suyama based on the reasons stated below.

Hiroaki describes an information input/output device having an superposing image extraction unit 101 extracting a portion for super-positional display from an image to output the extracted image portion as an superposing image, a mask pattern generating unit 102 generating a mask pattern, effectors 113, 114 processing the superposing image, and a base image generating unit 115 synthesizing the mask pattern image and the original image to generate a base image. As shown in Fig. 1, the base image and the superposing image processed by effector 113 are input to a matrix display 116, controlled by brightness contrast controllers 117 and 118, and then output

to two separate displays 122 and 123. According to Hiroaki, a display position adjustment mechanism 121 is used to adjust and hold the positions of the displays 122 and 123.

Clearly, Hiroaki discloses a completely different image display device. That is, Hiroaki fails to teach or suggest a plurality of display devices including a front display device having a front display surface, the front display surface having a plurality of pixels for displaying image data and a rear display aligned with the front display device and having a rear display surface, the rear display surface having a plurality of pixels for displaying image data, as recited in amended Claim 20 and similarly in amended Claim 10. In addition, Hiroaki fails to teach or suggest that the front display surface includes a displaying region corresponding to the plurality of pixels of said front display surface, and a transparent region that is adjacent to the display region and is aligned with respective pixel of the plurality of pixels of the rear display surface so that the image data on said rear display surface is transmitted from the transparent region to a viewer, as recited in amended Claim 20 and similarly in amended Claim 10.

Suyama describes a three-dimensional representation method for generating a three-dimensional image by displaying two-dimensional images on a plurality of image plane located at different depth positions wherein two-directional images are generated in which an object to be presented is projected, along the line of sight of an observer, onto the plurality of image planes located at different depth positions.

Although Figs. 26 A and 34 shows the system of Suyama includes display devices 1126-1130 or 2102 and 2103, Suyama fails to teach or suggest that a plurality display devices includes a front display device having a front display surface, the front

display surface having a plurality of pixels for displaying image data and a rear display aligned with the front display device and having a rear display surface, the rear display surface having a plurality of pixels for displaying image data, as recited in amended Claim 20 and similarly in amended Claim 10. Furthermore, Suyama fails to teach or suggest that the front display surface includes a displaying region corresponding to the plurality of pixels of said front display surface, and a transparent region that is adjacent to the display region and is aligned with respective pixel of the plurality of pixels of the rear display surface so that the image data on said rear display surface is transmitted from the transparent region to a viewer, as recited in amended Claim 20 and similarly in amended Claim 10.

Since neither Hiroaki nor Suyama, when taken singly or in combination, teaches the above-mentioned features of amended Claims 10 and 20, it would not have been obvious for one skilled in the art to revise Hiroaki or Suyama or combine them both to achieve the systems of amended Claims 20 and 10. Accordingly, it is respectfully submitted that amended Claims 20 and 10 are patentable over Hiroaki or Suyama or over Hiroaki in view of Suyama.

Furthermore, Applicants respectfully submit that amended Claims 7-9, 11-15, and 18, original Claims 16-17 and 19 and newly added Claims 21-29 are also patentable over Hiroaki or Suyama at least due to their dependencies from patentable independent claims for the reasons stated above with respect to amended Claims 20 and 10.

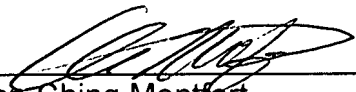
Conclusion

For all of the above reasons, it is respectfully submitted that claims 6-29 are in condition for allowance and a Notice of Allowability is earnestly solicited.

Should the Examiner determine that any further action is necessary to place this application into better form the Examiner is invited to contact the undersigned representative at the telephone number listed below.

In the event this paper is not considered to be timely filed, the Applicants hereby petition for an appropriate extension of time. The Commissioner is hereby authorized to charge any fee deficiency or credit any overpayment associated with this communication to Deposit Account No. 01-2300 referencing client matter number 107156-00244.

Respectfully submitted,



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